## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION            | INITIALS | iD NO. | DATE         |
|---------------------|----------|--------|--------------|
| FEE DETERMINATI N   | (3)      | 7153+  | 1-5-98       |
| O.L.P.E. CLASSIFIER | Mtw      | 59     | 11-06-92     |
| FORMALITY REVIEW    | 1/8      | 7/480  | ·   11-12-98 |

## INDEX OF CLAIMS

| • | Rejected                   |   | Non-elected  |
|---|----------------------------|---|--------------|
|   | Allowed                    | 1 | Interference |
|   | (Through numeral) Canceled |   | Appeal       |
| ÷ | Restricted                 | ( | ) Objected   |

| ŧ          | ٠.           |                 | - :          | -          |  | :  |  | ٠,       | ÷ | - | ••••         |          | ••• | •••• |          |   |
|------------|--------------|-----------------|--------------|------------|--|----|--|----------|---|---|--------------|----------|-----|------|----------|---|
|            | •            | ġ               | <i>;</i>     |            | ٠ <u>.                                    </u> |    | ٠,   |          |   |   |              |          | _   | _    | _        |   |
| Ö          | dп           | Į.              |              | •          |  |    |  | <u>S</u> | • | _ |              |          | _   | _    | $\perp$  |   |
|            | Ę            | 1               | Ц            | 5          | 9  | Г  | -  |          | Γ | I |              | ٠.       | 1   | ١    | - 1      |   |
| 쿌          | Orlothel     | I,              | المد         | 5          | y  | t. | 1  |          | ı | ł | - 1          |          |     | 1    |          |   |
| Foral      | Įè           | ľ               | Д            | œ          | Ó  | Ľ  |  | _        | L | 4 | _            | _        | L   | 4    | 4        |   |
| -          | Ľ            | Ų               | 灲            | Z          | 4  | ľ  | 4  | Ŀ        | L | 4 |              | <u> </u> | L   | 4    | 4        |   |
|            | · <u>-</u>   |                 | ٠ بر         | 5          | 1  | L  |  | ٠        | Ŀ | 4 | _            | L        | L   | 4    | 4        |   |
| Ŀ          | $\mathbf{E}$ | ग               | J            | V          | ۷  | L  | 4  |          | L | _ | ·            |          | L   | 1    | _        |   |
| Ľ          | 1            | 9               | Ц            |            | 1  | Ŀ  | Ц  | i        | L | 4 |              | L        | L   | 4    | -1       |   |
| نا         | L            | 4               | Щ            |            | Ц  | L  | Ц  | Ŀ        | Ļ | 4 | •            | ┡        | Ļ   | 4    | ᆚ        |   |
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| Ľ          | K            | _               | Ш            | ıİ.        | Ц  | Ŀ  | Ц  | L        | L | ÷ | ٠.           | ┡        | Ļ   | 4    |          |   |
| L          | _            | 7               | Ц            | 4          | Н  | Ļ  | Ц  | <u> </u> | Ļ | _ | _            | ┡        | ╀   | 4    | -1       |   |
| L          | Ŀ            | 믹               | Ц            | 4          | Н  | Ļ  | Н  | ┡        | Ļ | 4 | Ŀ            | L        | ╄   | 4    | ┩        |   |
| يا         |              | 잌               | Ц            | 4          | Ц  | μ  | Ļ  | _        | ╀ | 4 | <u> </u>     | -        | ļ-  | 4    | ᅴ        |   |
|            | 1            | '               |              | >          | Ų  | Ц  | Ľ,   | ┝        | ╀ | 4 | -            | ┞        | ₽   | 4    | ᅱ        |   |
|            | ŧ            | 3               | 7            |            | F  | ŧ  | 7  | $\vdash$ | ł | 4 | _            | ┞        | ╀   | 4    | $\dashv$ |   |
| L          | ¥            | 썱               | 4            | Y          | 14   | ŀ  | ٧.   | -        | ł | - | μ.           | ┢        | +   | 4    |          |   |
| <b>├</b> - | 4            | 4<br>5          | V.           | Ķ          | K  | ļ  | H  | H        | ł | ٦ | -            | ┢╌       | ╀   | 4    |          |   |
| H          | 4            | 빍               | <u>, .</u>   | ۴          | 177  | 4  | ۲  | $\vdash$ | ł | _ | $\vdash$     | ۰        | +   | ᅥ    | Н        |   |
| H          | ŧ.           | 5<br>6<br>7     | -            | H          | H  | +  | ┝  | $\vdash$ | t | - | ⊢            | ۲        | +   | ╡    | Н        | ! |
| H          | ď            | Н               | <del>-</del> | ⊢          | ₩  | ł  | Ļ  | -        | t |   | ┝            | ╁╌       | +   | ٦    | Н        |   |
| -          | ŧ            | Ħ               | _            | ┝          | ╀  | ť  | Ł  | ⊢        | ł | ÷ | ŀ            | ╁        | ╁   | -    |          |   |
| Ŀ          | ť            |                 | 1.2          | H          | ₽  | +  | _  | ╁╌       | + | _ | ┝            | ╁        | +   | -    | -        |   |
| Ŀ          | Ľ            | 9               |              | Ľ          | 1  | 4  | ٠.   | ╀        | 1 | _ | ┡            | ╀        | +   | -    |          |   |
| F          | 1            | 1               | 2            | H          | ╄  | 4  | <u>.                                    </u> | ╀        | + |   | ┡            | ╀        | +   | -    | Н        |   |
| ┝          | _            | S 15            |              | Ι.         | ╀  | +  | _  | ╀        | + | _ | ┡            | ₽        | +   | _    | Н        |   |
| F          | ٠.           | 100             | _            | ۴          | +  | +  | -  | ╀╌       | + |   | ١.           | ╀╌       | +   | _    | Н        |   |
| ⊩          | -            | 1               | Ŀ            | <b> </b> - | ₩,   | 4  | _  | ₽        | + | _ | <del> </del> | ╀        | ╁   | _    | H        |   |
| H          | 4            |                 | H            | <b>!</b> - | ╀  | +  | -  | ╄        | + | _ | ┝            | ╀        | +   | _    | -        |   |
| H          | ť            | 27              | H            | ╀          | ╁╌   | +  | _  | ╁        | ┨ | _ | ⊢            | ╁        | +   | -    | ╌        |   |
| H          |              | 28              | ⊢            | ╀          | ╀  | +  | _  | ╀╌       | + |   | ۲            | ╁        | +   | -    | ┰        | l |
| $\vdash$   |              | 20              | ⊢            | ╁          | ╁╴   | +  | _  | H        | ┧ |   | ۴            | ╁        | 1   | -    | ┢        | 1 |
| H          | _            | 30              | ⊢            | ╀          | ╀  | ┪  | _  | ╁        | ┨ | _ | ╁            | ╁        | +   | _    | ┢        | l |
| $\vdash$   | _            | <u>30</u><br>31 | ┢            | ╁          | ╁  | +  | -  | ╁        | + | _ | ۲            | 十        | +   |      | Η        | 1 |
| $\vdash$   |              | 32              |              | t-         | +  | 1  | _  | +        | 1 | _ | t            | +        | †   | _    | ✝        | 1 |
| ۲          |              | <u>~</u>        | $\vdash$     | t          | †  | 1  | -  | †        | 1 | - | t            | +        | +   | -    | T        | 1 |
| ۲          |              | 34              | H            | t          | t  | 1  | Т  | †        | 1 | Т | t            | t        | 1   |      | Τ        | 1 |
| H          |              | 35              |              | 十          | t  | 1  | _  | T        | 1 | _ | T            | T        | 1   |      | T        | 1 |
| ۲          | ٦            | 36              |              | +          | †  | 1  | Т  | †        | 1 | Т | T            | Ť        | ┪   | _    | Т        | 1 |
| H          | 1            | 37              | _            | t          | T  | ┪  | _  | Ť        | ٦ | Г | T            | Ť        | 1   | _    | Γ        | 1 |
| ۲          |              | 38              |              | T          | T  | 1  | Г  | T        | ٦ | Г | 1            | T        | ٦   | _    | Г        | ] |
| ۱.         | 7            | 39              | T            | T          | T  |    | Г  | T        | ٦ | Г | Т            | T        | ٦   |      |          | ] |
| 扌          | _            | 40              | _            | T          | T  | ٦  | Г  | T        |   | Г | T            | T        |     |      | Т        | 1 |
| ۲          | _            | 41              | _            | t          | †  | ٦  | Г  | T        | 7 | Г | T            | T        | 1   |      | Т        | 1 |
| H          | 1            | 42              | 4            | +          | +  | -  | ۲  | +        | ┪ | H | +            | t        | ┪   | _    | T        | 1 |
| H          | _            | <u>=</u>        |              | 十          | +  | -  | ۲  | t        | ┪ | ۲ | +            | †        | ┪   | -    | †        | 1 |
|            | H            | ī               | 1            | +          | +  | _  | ۲  | 十        | - | ۲ | †            | †        | 7   | _    | T        | 1 |
| ŀ.         | .+           | 45              | 1            | +          | +  | -  | t  | +        | - | t | +            | +        | ┪   | Г    | †        | 1 |
| ۲          | ┪            | 46              | ſ            | †          | +  | _  | t  | t        | _ | t | T            | †        | ┪   | Г    | T        | 1 |
| H          |              | 47              |              | 十          | +  | _  | T  | †        | _ | T | t            | +        | ٦   | Г    | T        | 1 |
| H          | ┪            | 48              |              | 十          | +  | _  | t  | +        | _ | ۲ | †            | †        | ٦   | Γ    | 1        | 1 |
| H          | ┪            | 48              |              | +          | +  | _  | t  | +        | _ | t | +            | †        | 7   | Г    | T        | 1 |
| ŀ          | ┥            | 50              | t            | +          | +  | -  | H  | +        | _ | ۲ | +            | +        | -   | Т    | +        | 1 |

| C#    | lm       |   |              | _       | _  | p | let | 9       | _                  | -       | _       | -   |
|-------|----------|---|--------------|---------|----|---|-----|---------|--------------------|---------|---------|---|
| _     |          | 7 |              | Г       | Г  | Ť | ٦   | _       | Ė                  | Τ       | Т       | Γ   |
| 70    | Original | Į | •            |         | l  | ۱ | 1   |         |                    | 1       |         |   |
| Finel | ह        |   |              | ı       |    | l |     |         |                    | 1       |         | L   |
|       | 51       |   |              | Г       | T  | T |     |         | Г                  | 1       | Π       |   |
| _     | 52       |   |              | Г       | Г  | T |     | _       |                    |         | Π       |   |
|       | 3        |   | _            | Г       | Г  | T |     |         | Π                  | Т       | Τ       | Г   |
| _     | 뢰        |   |              | Г       | Ĺ  | İ |     |         | Γ                  | Ť.      | Ĺ       |   |
|       | 55       |   |              | Г       | Г  | Ι |     |         |                    |         |         |   |
|       | 56       |   |              |         | L  | I |     |         | L                  |         | L       | L   |
|       | 57       |   |              | ·       | Ι  |   |     |         | L                  |         | L       | L   |
|       | 58       |   |              |         | L  | l |     | L       | L                  | ┺       | ┸       | ļ   |
| _     | 59       |   |              | L       | L  | 1 | _   | L       | L                  | 1       | ╄       | Ļ   |
|       | 60       |   |              | L       | Ļ  | 1 | _   | L       | ╄                  | 1       | ╄       | ↓_  |
|       | 61       | Щ | L            | L       | Ļ  | 4 |     | L       | ╄                  | ╀       | ╀       | ┡-  |
|       | 8        |   | _            | L       | Ļ  | 4 | _   | L       | ╀                  | ╄       | ╀-      | ↓-  |
|       | 8        | Ш | <u> </u>     | ┞       | ╀  | 4 | _   | L       | ╀                  | ╄       | ╀       | ╀   |
| L     | 64       | H | L            | ╀       | ╀  | + |     | ⊢       | ╀                  | ╀       | ╀       | ╀   |
| _     | 65       | Щ | ┡            | ╀       | ╀  | + | _   | ╀╌      | ╄                  | ╁       | +-      | ╀   |
| ┡     | 66       | ⊢ | ┡            | ╀       | ╀  | + | _   | ┝       | ╀                  | ╁       | ╀       | ╀╌  |
| H     | 68       |   | ⊢            | ╀       | ╀  | + | -   | ╀       | ╁                  | ╁       | ┿       | ╁   |
| ┝     | 8        |   | ┞            | ╁       | ┿  | ┥ | _   | ╁       | +                  | +       | ╫       | ╁   |
| ┡     | -        | - | ╀            | ╀       | ╀  | ┪ | _   | ╀       | ┿                  | ┽       | ╅       | ┿   |
| L     | 70       |   | ┡            | ╀       | +  | 4 |     | ╀       | ┿                  | +-      | ┿       | ┿   |
| Ŀ     | 71       |   | ┞            | ╀       | ╀  | 4 | _   | ╀       | ╄                  | ┿       | ╫       | ┿   |
| ┝     | 72       | - | ╀            | ╀       | +  | + | _   | ╁       | ╁                  | ╫       | ╫       | ╁   |
| ⊩     | 73<br>74 |   | ╀╴           | ╁       | ╁  | ┥ |     | ╁       | ╁                  | ╁       | ╫       | ┿   |
| ┝     | 75       |   | ╁            | ┿       | ┿  | ┥ | _   | ╁       | +                  | +       | ╁       | ╁   |
| H     | 76       |   | ╁            | ╁       | ╁  | ┥ | -   | ╁       | +                  | ╅       | ╅       | +   |
| -     | 177      | _ | ╁            | ╁       | +  | 1 |     | +       | +                  | ╅       | +       | +   |
| Н     | 78       | _ | ✝            | +       | +  | ᅥ | -   | +       | +                  | ナ       | ╅       | +   |
| H     | 79       |   | ╁            | +       | t  | _ |     | t       | +                  | 十       | +       | +   |
| H     | 80       |   | ۲            | †       | 1  | ٦ | Г   | t       | 7                  | 十       | $\top$  | 1   |
| ۲     | 81       | _ | t            | +       | 1  |   | Г   | T       | 7                  | 1       | T       | 7   |
| Г     | 82       | 1 | T            | T       | 1  |   | Γ   | T       | Ī                  |         |         | Т   |
| Г     | 63       |   | T            | T       | 1  |   | Г   | T       | T                  | T       | Т       | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |
| Г     | 84       | T | T            | T       | I  |   |     | Ι       | I                  | $\perp$ |         |   |
| Г     | 85       | _ | Ι            | Ι       | 1  |   |     | I       | 1                  |         | $\perp$ |   |
|       | 86       | Ī | Ι            |         |    |   | L   | 1       | 1                  | 1       | $\perp$ | ᆚ   |
| Г     | 87       |   | Ι.           | Ι       |    |   | L   | 1       | 1                  | 4       |         | ┸   |
|       | 88       | _ | Ι            | $\perp$ | 1  | _ | L   | 1       | ┙                  | 4       | _       | 4   |
|       | 85       | - | L            | 1       | 1  | _ | L   | 1       | 4                  | 4       | 4       | 4   |
| L     | 90       | _ | 1            | ⊥       | 1  |   | L   | 1       | 4                  | _       | 1       |   |
| Γ     | 91       |   | Ι            | 1       | 1  | _ | L   | $\perp$ | ┙                  | $\perp$ | ┙       | ┸   |
|       | 92       |   | Ι            | Ι       | I  |   | Ĺ   | $\perp$ | $oldsymbol{\perp}$ | $\perp$ | $\perp$ | $\perp$   |
| L     | 90       |   | I            | I       | I  |   | Ĺ   | I       | 1                  | _[      | $\perp$ | 4   |
| E     | 9        |   | $\mathbf{I}$ | Ī       | _[ |   | Ĺ   |         | _[                 | _[      | _       | 4   |
|       | 90       | - | I            | 1       | ⅃  | _ | L   | 1       | 4                  | 1       | 1       | 1   |
| L     | 94       | _ | 1            | 4       | _  | _ | Ļ   | 4       | 4                  | 4       | _       | 4   |
| L     | 97       |   | 1            | 4       | _  |   | L   | 1       | _                  | 4       | 4       | 4   |
| L     | 91       |   | 4            | 4       | _  | _ | 1   | 4       | -                  | _       | 4       | +   |
| L     | 91       |   | 4            | 4       | 4  | _ | +   | 4       | 4                  | -+      | -       | +   |
|       | 10       | ď | ı            | Í       | ı  |   | 1   | - 1     | - 1                | ı       |         | 1   |

| _         | -          | _        |   |   | - |                 | _ | ate | _   | _ |   | - |        | $\neg$   |
|-----------|------------|----------|---|---|---|-----------------|---|-----|-----|---|---|---|--------|----------|
| Ç1        |            | <u> </u> |   | т | 7 | -               | ř | T   | -   | _ | Т | 7 | ┪      | $\dashv$ |
| Fined     | Original   |          |   |   |   |                 |   |     |     |   |   |   |        |          |
| Ŧ         | ,<br>101   | Г        | Т | T | 7 | _               | Г | 1   | ╗   | Г | T | 7 | ╗      | $\neg$   |
|           | 102        | _        | т | t | 7 |                 | T | 1   |     | Т | Ť | ℸ | _      | 7        |
| _         | 103        | 1        | Т | t | 7 | _               | T | 1   |     | Г | T | 1 | ╗      | ╗        |
| _         | 104        | ┢        | ┝ | t | ┪ |                 | ┪ | 1   | _   | Н | t | 7 | 寸      | ┪        |
| _         | 105        | 1        | T | T | ┪ | _               | Т | 1   |     |   | T | ╗ |        | ٦        |
|           | 106        | Π        | Г | T | ٦ |                 | Г | 1   |     | Г | T | ╗ | $\neg$ | $\neg$   |
| _         | 107        |          | Г | T | ٦ |                 | T | 7   |     |   | T | ī |        |          |
|           | 108        |          | Г | T | 1 |                 | Γ | 1   |     |   | Τ |   |        |          |
|           | 109        |          | Г | Т |   |                 | Γ | ٦   |     |   | Т |   |        |          |
| _         | 109<br>110 | Т        |   | T |   |                 | Γ | 1   |     |   | Ι |   |        |          |
| ·         | 111        |          | Γ | Τ |   |                 | L | 1   |     |   | Ι |   |        |          |
|           | 112        |          |   | Ι |   | ·               | Γ | 3   |     |   | Ι |   |        |          |
|           | 113        |          | Γ | I |   |                 | L |     |     | L | 1 |   |        |          |
|           | 114        |          | Γ | Ι |   | Ш               |   |     |     | L | 1 |   |        | Ш        |
|           | 113        | 1        | L | Ι |   |                 | L |     |     | L | 1 |   | Ш      | Ш        |
|           | 116        |          | L | L |   | L               | L |     | L   | L | 4 |   | Ш      | Ц        |
|           | 117        |          | L | 1 | _ | L               | ļ | _   | _   | L | 4 |   |        | Ш        |
|           | 118        |          | L | 1 | _ | L.              | Ļ |     | L   | L | 4 | _ | L      | Ш        |
| L         | 111        | -        | L | 1 | _ | L               | l | _   | L   | L | 4 | _ | ┖      | Ш        |
|           | 120        | ١_       |   | 1 |   |                 | L |     |     | L | ┙ |   |        | Ш        |
|           | 12         | 1        | L | I |   | L               | I |     |     | L | _ |   | L      | Ц        |
| $\square$ | 12         |          |   | 1 | _ | L               | 1 | _   | L   | L | ┙ |   | L      | L.       |
|           | 12         |          | L | 1 | _ | L               | 1 | _   | L   | l | 4 | _ | L      | L        |
|           | 12         | 4        | Ι | 1 |   | L               | 1 | _   | L   | ┸ | 4 |   | ┡      | _        |
| L         | 12         |          | L | 1 | _ | L               | 1 | _   | L   | 1 | 4 |   | ┖      | ↓_       |
| L         | 12         | <u> </u> | L | 4 |   | L               | 4 | _   | L   | 1 | 4 |   | L      | 1        |
| L         | 12         |          | ┸ | 4 | _ | L               | 4 | _   | ļ., | 4 | _ | _ | ╀      | ╀╌       |
| L         | 12         |          | 1 | 4 | _ | Ļ               | 4 | _   | L   | 4 | _ | _ | ╄      | -        |
| _         | 12         | 乳        | 4 | 4 | _ | ╀               | 4 |     | ╄╌  | + | 4 | _ | 1-     | ╀        |
| _         | 13         |          | 4 | 4 | _ | ╀               | 4 | _   | ╀   | + | _ | _ | ┨—     | ╀╌       |
| L         | 13         |          | + | 4 | _ | <del>ļ.</del> , | 4 | _   | ╀   | + | - | Ļ | ╀      | ╀╌       |
| $\vdash$  | 13         |          | + | 4 |   | ╀               | + |     | ╀   | + | _ | - | ╁      | ╁        |
| $\vdash$  | 13         |          | + | 4 | _ | ╀               | + | _   | ╁   | + |   | ┝ | ╁      | ╁╴       |
| $\vdash$  | 13         |          | ╁ | 4 | _ | ╄               | + | _   | ╀   | ╁ | _ | ┝ | ╁      | ╈        |
| $\vdash$  | 13         | 7        | ╁ | 4 | _ | +               | + | -   | +   | + | _ | Н | +      | +        |
| $\vdash$  | 13         |          | + | 4 | - | ╁               | + | _   | ╀   | + |   | H | 十      | 十        |
| -         | 13         |          | ╅ | 4 | - | +               | ┥ | _   | 十   | + | _ | t | †      | +-       |
| $\vdash$  | 12         | <u>~</u> | + | ┥ | - | ╁               | ┪ | _   | ╁   | + | _ | Т | +      | 十        |
| ۲         | 1          | 7        | + | ٦ | H | +               | ┪ | _   | t   | + | _ | t | +      | +        |
| $\vdash$  |            | 7        | + | - | ۲ | +               | ٦ | ÷   | 十   | + | _ | t | +      | 十        |
| $\vdash$  |            | ब        | + | - | ┝ | ╁               | 4 | -   | ╁   | + |   | ۲ | 十      | 十        |
| $\vdash$  |            | 3        | + | - | ┝ | +               | ┥ | -   | +   | + |   | ۲ | +      | +        |
| -         |            | _        | + | _ | H | 十               | 4 | -   | +   | + | _ | t | +      | +        |
| +         |            | 4        | + | _ | H | +               | 4 | -   | +   | ┪ | - | H | +      | 十        |
| -         | +          | 4        | ╅ | _ | H | +               | ۲ | Н   | +   | + |   | t | +      | 十        |
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| H         | +          | sa       | + | _ | t | †               | - | Г   | 十   | 7 |   | T | †      | 丁        |
| ۱.        |            |          | _ | _ | _ | _               | _ | _   | _   | _ | _ | _ | _      |          |

If more than 150 claims or 10 actions staple additional she the BEST AVAILABLE CORY (LEFT INSIDE)